

Patent
224/183
21039-7001

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-8, 10-12, 16-25, and 26-46 without prejudice to the subject matters thereof. Please add new claims 47-100 as set forth below.

Claims 1-46 (cancelled)

47. (new) A method of transmitting information from a server to a client station in a mobile-based client-server system, the method comprising:

determining whether the server has information for the client station without the client station initiating the determination by establishing a communication link to the server;

generating a data notification message in response to the server having information for the client station; and

transmitting the data notification message to a transceiver, the transceiver being separate from the client station.

48. (new) The method of claim 47 further comprising establishing a communication link between the client station and the server in response to the data notification message.

49. (new) The method of claim 48, wherein the communication link between the client station and the server is established via the transceiver.

50. (new) The method of claim 48 further comprising connecting the client station to the transceiver.

51. (new) The method of claim 48, wherein establishing a communication link comprises:

generating a signal containing a telephonic address of a transceiver associated with the server, wherein the signal includes instructions for establishing a log-on connection with the server; and

transmitting the signal to the transceiver associated with the server to establish a communication link with the server based on the telephonic address.

52. (new) The method of claim 48 further comprising:

transmitting a first request for the information to the server via the communication link;

receiving the information; and

transmitting an additional signal to the server via the communication link.

Patent
224/183
21039-7001

53. (new) The method of claim 52, wherein transmitting an additional signal comprises transmitting a further request for information.
54. (new) The method of claim 48, wherein the data notification message indicates the type of information waiting for the client station at the server.
55. (new) The method of claim 54 further comprising evaluating the data notification message to determine whether the information is of a selected type.
56. (new) The method of claim 55, wherein the data notification message is evaluated at the transceiver.
57. (new) The method of claim 55, wherein the data notification message is evaluated at the client station.
58. (new) The method of claim 55, wherein the communication link is only established when the information is of the selected type.
59. (new) The method of claim 55 further comprising relaying the data notification message from the transceiver to the client station.
60. (new) The method of claim 55 further comprising connecting the client station to the transceiver.
61. (new) The method of claim 60 further comprising downloading the data notification message from the transceiver to the client station.
62. (new) The method of claim 48, wherein the data notification message indicates a quantity of the information waiting for the client station at the server.
63. (new) The method of claim 62 further comprising evaluating the data notification message to determine whether the information is of a selected quantity.
64. (new) The method of claim 63, wherein the data notification message is evaluated at the transceiver.
65. (new) The method of claim 63, wherein the data notification message is evaluated at the client station.

Patent
224/183
21039-7001

66. (new) The method of claim 63, wherein the communication link is only established when the information is of the selected quantity.
67. (new) The method of claim 63 further comprising relaying the data notification message from the transceiver to the client station.
68. (new) The method of claim 63 further comprising connecting the client station to the transceiver.
69. (new) The method of claim 68 further comprising downloading the data notification message from the transceiver to the client station.
70. (new) The method of claim 47, wherein the transceiver is a GSM-based transceiver.
71. (new) The method of claim 70, wherein the data notification message is in an SMS paging message format.
72. (new) The method of claim 47 further comprising evaluating the information at the server to determine whether the information is of a selected type, wherein the data notification message is only generated when the information is of the selected type.
73. (new) The method of claim 47 further comprising evaluating the information at the server to determine whether the information is of a selected quantity, wherein the data notification message is only generated when the information is of the selected quantity.
74. (new) A computer program product that includes a computer readable medium, the computer readable medium having stored thereon a sequence of instructions which, when executed by a processor, causes the processor to execute a process for transmitting information from a server to a client station in a mobile-based client-server system, the process comprising:
- determining whether the server has information for the client station without the client station initiating the determination by establishing a communication link to the server;
 - generating a data notification message in response to the server having information for the client station; and
 - transmitting the data notification message to a transceiver, the transceiver being separate from the client station.

Patent
224/183
21039-7001

75. (new) The computer program product of claim 74, wherein the process further comprises establishing a communication link between the client station and the server in response to the data notification message.
76. (new) The computer program product of claim 75, wherein the communication link between the client station and the server is established via the transceiver.
77. (new) The computer program product of claim 75, wherein the process further comprises connecting the client station to the transceiver.
78. (new) The computer program product of claim 75, wherein establishing a communication link comprises:
generating a signal containing a telephonic address of a transceiver associated with the server, wherein the signal includes instructions for establishing a log-on connection with the server; and
transmitting the signal to the transceiver associated with the server to establish a communication link with the server based on the telephonic address.
79. (new) The computer program product of claim 75, wherein the process further comprises:
transmitting a first request for the information to the server via the communication link;
receiving the information; and
transmitting an additional signal to the server via the communication link.
80. (new) The computer program product of claim 79, wherein transmitting an additional signal comprises transmitting a further request for information.
81. (new) The computer program product of claim 75, wherein the data notification message indicates a type of the information waiting for the client station at the server.
82. (new) The computer program product of claim 81, wherein the process further comprises evaluating the data notification message to determine whether the information is of a selected type.
83. (new) The computer program product of claim 82, wherein the data notification message is evaluated at the transceiver.
84. (new) The computer program product of claim 82, wherein the data notification message is evaluated at the client station.

Patent
224/183
21039-7001

85. (new) The computer program product of claim 82, wherein the communication link is only established when the information is of the selected type.
86. (new) The computer program product of claim 82, wherein the process further comprises relaying the data notification message from the transceiver to the client station.
87. (new) The computer program product of claim 82, wherein the process further comprises connecting the client station to the transceiver.
88. (new) The computer program product of claim 87, wherein the process further comprises downloading the data notification message from the transceiver to the client station.
89. (new) The computer program product of claim 75, wherein the data notification message indicates a quantity of the information waiting for the client station at the server.
90. (new) The computer program product of claim 89, wherein the process further comprises evaluating the data notification message to determine whether the information is of a selected quantity.
91. (new) The computer program product of claim 90, wherein the data notification message is evaluated at the transceiver.
92. (new) The computer program product of claim 90, wherein the data notification message is evaluated at the client station.
93. (new) The computer program product of claim 90, wherein the communication link is only established when the information is of the selected quantity.
94. (new) The computer program product of claim 90, wherein the process further comprises relaying the data notification message from the transceiver to the client station.
95. (new) The computer program product of claim 90, wherein the process further comprises connecting the client station to the transceiver.
96. (new) The computer program product of claim 95, wherein the process further comprises downloading the data notification message from the transceiver to the client station.

Patent
224/183
21039-7001

97. (new) The computer program product of claim 74, wherein the transceiver is a GSM-based transceiver.
98. (new) The computer program product of claim 97, wherein the data notification message is in an SMS paging message format.
99. (new) The computer program product of claim 74, wherein the process further comprises evaluating the information at the server to determine whether the information is of a selected type, wherein the data notification message is only generated when the information is of the selected type.
100. (new) The computer program product of claim 74, wherein the process further comprises evaluating the information at the server to determine whether the information is of a selected quantity, wherein the data notification message is only generated when the information is of the selected quantity.